

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of claims in the application.

Listing of Claims:

1. (Previously presented): A printable security paper comprising:

- a first paper portion which is a vellum part having a first paper thickness defined between a front side and a reverse side of said paper,

- a second paper portion which is a continuous screened region capable of receiving printed indicia on a front side and on a reverse side of said screened region which are observable in reflected light and form an image observable in transmitted light, as security element protecting against two-sided copying,

wherein the screened region has an average overall opacity less than an opacity of the vellum part of the paper,

said screened region consisting of alternations of

- (i) vellum paper miniregions, having an approximately constant paper thickness defined between the front side and the reverse side of the paper and equal to the first paper thickness of the vellum part of the paper, and

- (ii) reduced opacity paper miniregions, having a smaller paper thickness defined between the front side and the reverse side of the paper, as compared to the vellum paper miniregions, said paper miniregions being of reduced opacity because of their smaller thickness as compared to the vellum paper miniregions, and

- printed indicia on the front side and on the reverse side of the screened region of said security paper,

wherein these indicia form patterns that are observed in reflected light and said patterns make up a final representation that is observed in transmitted light through said screened paper region.

2. (Previously presented): The paper as claimed in claim 1, wherein the smallest dimension of said screened region is at least 0.5 cm.

3. (Previously presented): The paper as claimed in claim 1, wherein the difference in opacity between the average overall opacity of said screened region and the opacity of a vellum part of the rest of the paper is between 5 and 12 points the opacity being measured according to the ISO 2471 standard.

4. (Withdrawn): A security document protected against two-sided reproduction, comprising:

a medium comprising a security paper as claimed in claim 1.

5. (Withdrawn): The security document as claimed in claim 4, wherein the printed indicia comprise fine lines present both on the front side and on the reverse side of said screened region.

6. (Withdrawn – Currently amended): The security document as claimed in claim 5, wherein at least some of the lines, on the front side and on the reverse side, have a width of 110 μm or less, ~~preferably 100 μm or less.~~

7. (Withdrawn): The security document as claimed in claim 5, wherein the lines are of variable density and variable intensity so that the final representation that can be observed in transmitted light exhibits a relief and volume effect.

8. (Withdrawn – Currently amended): The document as claimed in claim 4, wherein the printed indicia, ~~in particular the lines,~~ are black lines and/or lines of different shades of gray and/or colored lines and/or lines that change appearance with the viewing angle or through the action of a source of excitation, ~~such as radiation, especially fluorescent, thermochromic or photochromic lines,~~ and/or have electromagnetic, ~~especially electrically conducting, magnetic or of magnetic resonance,~~ properties.

9. (Withdrawn – Currently amended): The document as claimed in claim 4, wherein the screened region and/or the screen of said region forms a ~~particular pattern, especially a~~ customized pattern or a pattern that corresponds to that of the final representation, resulting from the patterns that are printed on the front side and on the reverse side.

10. (Withdrawn – Currently amended): The document as claimed in ~~claim 1~~ claim 4, characterized in that it has a high resistance to circulation.

11. (Previously presented): A banknote comprising a security paper as claimed in claim 1.

12. (Previously presented): The paper as claimed in claim 2, wherein the difference in opacity between the average overall opacity of said screened region and the opacity of a vellum part of the rest of the paper is between 5 and 12 points, the opacity being measured according to the ISO 2471 standard.

13. (Withdrawn): The security document as claimed in claim 6, wherein the lines are of variable density and variable intensity so that the final representation that can be observed in transmitted light exhibits a relief and volume effect.

14. (Withdrawn – Currently amended): The document as claimed in claim 5, wherein the printed indicia, ~~in particular the lines~~, are black lines and/or lines of different shades of gray and/or colored lines and/or lines that change appearance with the viewing angle or through the action of a source of excitation, ~~such as radiation, especially fluorescent, thermochromic or photochromic lines~~, and/or have electromagnetic, ~~especially electrically conducting, magnetic or of magnetic resonance~~, properties.

15. (Withdrawn – Currently amended): The document as claimed in claim 6, wherein the printed indicia, ~~in particular the lines,~~ are black lines and/or lines of different shades of gray and/or colored lines and/or lines that change appearance with the viewing angle or through the action of a source of excitation, ~~such as radiation, especially fluorescent, thermochromic or photochromic lines,~~ and/or have electromagnetic, ~~especially electrically conducting, magnetic or of magnetic resonance,~~ properties.

16. (Withdrawn – Currently amended): The document as claimed in claim 7, wherein the printed indicia, ~~in particular the lines,~~ are black lines and/or lines of different shades of gray and/or colored lines and/or lines that change appearance with the viewing angle or through the action of a source of excitation, ~~such as radiation, especially fluorescent, thermochromic or photochromic lines,~~ and/or have electromagnetic, ~~especially electrically conducting, magnetic or of magnetic resonance,~~ properties.

17. (Withdrawn – Currently amended): The document as claimed in claim 5, wherein the screened region and/or the screen of said region forms a ~~particular pattern, especially a~~ customized pattern or a pattern that corresponds to that of the final representation, resulting from the patterns that are printed on the front side and on the reverse side.

18. (Withdrawn – Currently amended): The document as claimed in claim 6, wherein the screened region and/or the screen of said region forms a ~~particular pattern, especially a~~ customized pattern or a pattern that corresponds to that of the final representation, resulting from the patterns that are printed on the front side and on the reverse side.

19. (Withdrawn – Currently amended): The document as claimed in claim 7, wherein the screened region and/or the screen of said region forms a ~~particular pattern, especially a~~ customized pattern or a pattern that corresponds to that of the final representation, resulting from the patterns that are printed on the front side and on the reverse side.

20. (Withdrawn – Currently amended): The document as claimed in claim 8, wherein the screened region and/or the screen of said region forms a ~~particular pattern, especially a~~ customized pattern or a pattern that corresponds to that of the final representation, resulting from the patterns that are printed on the front side and on the reverse side.

21. (Previously presented): The paper as claimed in claim 1, wherein the difference in opacity between the average overall opacity of said screened region and the opacity of a vellum part of the rest of the paper is between 6 and 10 points, the opacity being measured according to the ISO 2471 standard.

22. (Previously presented): The paper as claimed in claim 2, wherein the difference in opacity between the average overall opacity of said screened region and the opacity of a vellum part of the rest of the paper is between 6 and 10 points, the opacity being measured according to the ISO 2471 standard.

23. (Previously presented): The paper as claimed in claim 1, wherein the vellum miniregions and the reduced opacity miniregions are arranged to form a grid.

24. (Previously presented): The paper as claimed in claim 1, wherein the reduced opacity miniregions are connected by reduced opacity bridges having a narrower width than a width of the reduced opacity miniregions.

25. (Previously presented): The paper as claimed in claim 1, wherein the reduced opacity miniregions are isolated from each other.